

ABSTRACT

This invention relates to tiotropium containing stable pharmaceutical solution formulations suitable for aerosol administration. More particularly, this invention relates
5 to tiotropium containing stable pharmaceutical solution formulations suitable for aerosol administration wherein either an inorganic acid or an organic acid is added to the aerosol solution formulation which contains a tiotropium salt, preferably tiotropium bromide in solution with an environmentally safe hydrofluorocarbon (HFC) as a propellant, together with an organic compound as a cosolvent. The acid provides stability against degradation
10 or decomposition of the medicament resulting largely from interaction of the medicament with the cosolvent and/or water present in the solution formulation.